

**Synthesis and Characterization of Materials for Electrochemical Cells**

**ABSTRACT**

- 5 An apparatus including a basis that has a plurality of wells associated therewith for defining a plurality of electrochemical cells; at least two electrodes sealingly disposed in each electrochemical cell; and circuitry for providing an electrical connection between an electrical source and each said cell. A particularly preferred apparatus employs at least one printed circuit  
10 board secured to the base. In a preferred method, candidate materials are introduced into the apparatus and their respective performances are analyzed.

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